

Receiving Report

Date: 10/12/13

Batch No: m116404

Supplier: Phytronics

Dart P/O: 13093

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 10124 N/A ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 CL

Production/Admin:

Date 10/12/14

Location _____

Received/Costing

Initial CL

Purchase Order Receipt Listing

Page 1 of 1

December 14, 2010 10:19:30 AM

All amounts are calculated in domestic currency.

All Vendors PO ID po13093 All Receipt Dates All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

[illegible]

B I L L O F L A D I N G

No: PEC 687483

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 10Dec10 at 8:32 From PFW
 Probill T151012
 Via APEXMOTOR-PEC
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp TRINA VINCE (905-532-1365)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-282304- 1 Your PO # 13093
 Part # Rel # CHANTAL

ALUMINUM FLAT BAR 6061-T6511

.125" x .750" X 240.0000"

**BAR NEEDS TO BE FLAT EDGE

Heat Number

10081183a

Tag No

145078

Quantity

80 FT

PCS

4

Wt LBS

9

MTR

2) Our Order PEC-282304- 2 Your PO # 13093

Part # Rel # CHANTAL

ALUMINUM FLT BAR ECONOPLT 6061-T6511

1.00" X 12.00" X 144.5000"

Heat Number

201012176

Tag No

145079

Quantity

12 ' .5000 "

PCS

1

Wt LBS

170

MTR

3) Our Order PEC-282304- 3 Your PO # 13093

Part # Rel # CHANTAL

ALUMINUM SQUARE BAR 6061-T6511

1.50" X 144.0000"

Heat Number

26612202

Tag No

145080

Quantity

12 FT

PCS

1

Wt LBS

32

MTR

4) Our Order PEC-282304- 4 Your PO # 13093

Part # Rel # CHANTAL

ALUMINUM ROUND BAR 6061-T6511

.750" DIA X 144.0000"

Heat Number

11530

Tag No

145081

Quantity

48 FT

PCS

4

Wt LBS

26

MTR

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 687483

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 10Dec10 at 8:32 From PFW
 Probill T151012
 Via APEXMOTOR-PEC
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp TRINA VINCE (905-532-1365)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

5) Our Order PEC-282304- 5 Your PO # 13093
 Part # Rel # CHANTAL
 ALUMINUM ROUND BAR 6061-T6511
 1.00" DIA X 144.0000" *CH101213*

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
201012067	145082	24 FT	2	23

TOTAL:	Tags	PCS	LBS
	5	12	260

Heat Number *** Chemical Analysis ***
 10081183a
 11530
 201012067
 201012176

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

TOTAL 2 BDLs G.W. 291 LBS

ITEM (1) BDL
 ITEMS (2,3,4,5) BDL

***** CLOSED FOR THE HOLIDAYS *****
 FROM DEC. 25TH TO 28TH, ON DEC. 31ST & JAN. 3RD.
 WE ARE OPENED FOR BUSINESS ON DEC. 29TH & 30TH.
 HAVE A HAPPY HOLIDAY SEASON!
 *CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 687483

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 10Dec10 at 8:32 From PFW
Probill T151012
Via APEXMOTOR-PEC
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp TRINA VINCE (905-532-1365)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER AS OF DEC 8/08.***

Page: 3 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
125" x .750" x 240.0000"
PART NO.

PO/Rel 13093

/CHANTAL

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-687483-001 10Dec10

Signed by: Pg 1/1

CAN ART

ALUMINUM EXTRUSION INC.

Material Test Report

Customer Ship To:

ThyssenKrupp Materials NA
2821 Langstaff Road

Concord

ON L4K 5C6

Our Order: 372006 - 3

Your PO # 224069

Part # 05485-000-240

Die: ES05485

Description: 125 x .750

Alloy Temper 6061 T6511

Print Date: 9/10/2010

8
10/12/14

Chemical Composition

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	others each	others total	Al
0.40-0.8	0.7 max	0.15-40	0.15 max	0.8-1.2	0.04-0.35	0.25 max	0.15	0.05	0.15	remain

Mechanical Properties

Strength ksi

Test ID	Test Date	CastNum	Ultimate	Yield (2% Offset)	Elongation (2" gage length)	Skid #
121964	9/2/10	10081183a	39.14	36.03	8.0	5149416 5149959

Applicable Specifications: ASTM B221-06 ASTM B308 ASTM B429 QQA200/8 QQA200/16

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Evan Eng - Tensile Testing

Authorized

Evan Eng, Quality Assurance Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511

1.00" X 12.00" X 144.5000"

PART NO.

PO/Rel 13093

/CHANTAL

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-687483-002

10Dec10

Pg 1/1



SERVICE CENTER METALS

5850 Quality Way

Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
115300	2

BILL TO

ThyssenKrupp Materials NA

SHIP TO

ThyssenKrupp Materials NA PEC

Quantity Certified 1,362 lbs

8pcs

MANIFEST NUMBER

115666

CUSTOMER PO

PEC-224721

CUSTOMER PART NUMBER

PL0741 X 144.5

DIE NUMBER

PL0741

ALLOY / TEMPER

6061-T6511

DESCRIPTION

PL 1.000 x 12.000

DATE OF SHIPMENT

9/29/2010

SALESPERSON

David Schroeder

CERTIFICATION

ASTM-B221-08 StencilContinuous

SPECIFICATION

AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201012176	09/25/10	50.8	46.6	14.5

Chemical Composition for Alloy 6061

Alloy		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Each	Total	Al	Melted In
6061	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15		Remainder	
	Min	0.40	-	0.15	-	0.8	0.04	-	-	-	-			

United States of America

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM SQUARE BAR 6061-T6511
1.50" X 144.0000"
PART NO.

PO/Rel 13093 /CHANTAL

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-687483-003

10Dec10

Pg 1/3

Signed by: _____

Attn: _____

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K-5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100253455	5	PEC-225278-5	SAPA306615	1 of 3
			Cert Creation Date	Cert Print Date
			02-NOV-10	02-NOV-10

Quantity Shipped	Date Shipped	Item Description	Specification
1010 LB	02-NOV-10	Extruded Square Bar 1.500 SQ 144.000 IN LN FIN M-MILL W/P 2.646 F 02 CS 2.1 6061/T6511 Marking CONTINUOUS;	ASTMB221 REV 08 AMS-QQ-A-200/8 REV ASMESB221 REV 09 UNSA96061 REV
B/L	Item No.		
176521	G03363678		
Delivery Id	Item No. Rev		
4153358	--		
Customer Part No.			
1.5SQ			

Handwritten signature and date: 11/2/10

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Handwritten signature: Dave A. Lukasak

Dave A Lukasak

02-NOV-10

Tech/Quality Manager

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	DOM	Weight
G12-PKG1331134	20609723	16	PCS	Gross 511 Net 506
G12-PKG1337330	20612202	16	PCS	Gross 510 Net 508
G12-PKG1337330	20612202	--	--	--

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	--	0.70	0.15	0.40	--	0.15	0.80	1.20	0.04	0.35	--	0.25

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM SQUARE BAR 6061-T6511
1.50" X 144.0000"
PART NO.

PO/Rel 13093 /CHANTAL
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-687483-003 10Dec10
Pg 2/3

Signed by: _____
Attn: _____

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number

1100253455

Line No.

5

Customer P/O

PEC-225278-5

Cert Number

SAPA306615

Page

2 of 3

Cert Creation Date

02-NOV-10

Cert Print Date

02-NOV-10

Alloy	Ti		Bt		Ph		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	---	---	---	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bt	Pb	Others Each	Others Total
4023948	0.65	0.23	0.22	0.03	0.88	0.05	0.03	0.02	---	---	---	---
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bt	Pb	Others Each	Others Total
5024692	0.64	0.27	0.21	0.03	0.89	0.05	0.03	0.02	---	---	---	---

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			---		---		---	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20609723	3	46.0	46.3	42.2	43.1	16.5	17.1
Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			---		---		---	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20612202	6	42.6	45.2	38.8	41.7	17.1	18.0

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number

1100253455

Line No.

5

Customer P/O

PEC-225278-5

Cert Number

SAPA306615

Cert Creation Date

02-NOV-10

Page

3 of 3

Cert Print Date

02-NOV-10

Melted in the USA or Other Qualified Countries as Defined by DFARS 225.872.1

Made in USA

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
.750" DIA X 144.0000"
PART NO.

PO/Rel 13093 /CHANTAL

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-687483-004

10Dec10

Signed by: _____

Pg 1/1



MILL TEST REPORT

TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

BILL TO THYSSENKRUPP MATERIALS,NA	1773 Cert Code: 1	0.42	DIE NUMBER S 4758	DATE OF SHIPMENT 11/16/2010	EXTRUDEX ORDER NO. 128322 - 1	MANIFEST NO. 237093
SHIP TO THYSSENKRUPP MATERIALS,NA	1773 CUSTOMER PO PEC-225567		ALLOY 6061	TEMPER T6511	SALESMAN FRED PARKIN	
SO-DESCRIPTION 750" DIA	CUSTOMER PART NUMBER 4-750		PART DESCRIPTION		CERTIFICATION MILL TEST B221 SPECS	

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	10202	Nov/11/10	46.6	41.8	15.40	90.1,90.8,90.5	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 11530 6061	0.56	0.23	0.21	0.08	0.82	0.06	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

David Natale
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST REPORT

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

1.00" DIA X 144.0000"

PART NO.

PO/Rel 13093

/CHANTAL

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-687483-005

10Dec10

Pg 1/2



SERVICE CENTER METALS

5850 Quality Way

Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
117111	3

BILL TO

ThyssenKrupp Materials NA

SHIP TO

ThyssenKrupp Materials NA PEC

Quantity Certified 2,260 lbs 204pcs

MANIFEST NUMBER

117656

CUSTOMER PO

PEC-225368

CUSTOMER PART NUMBER

RD0005

DIE NUMBER

RD0005

ALLOY / TEMPER

6061-T6511

DESCRIPTION

ROD 1.000 +/- .004

DATE OF SHIPMENT

10/22/2010

SALESPERSON

David Schroeder

CERTIFICATION

ASTM-B221-08 StencilContinuous

SPECIFICATION

AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
91	201012067	09/26/10	54.0	50.4	19.5
92	201012067	09/26/10	56.5	53.0	18.0
93	201012067	09/26/10	54.0	50.4	19.5
94	201012067	09/26/10	53.2	49.8	19.5
95	201012067	09/26/10	54.4	50.4	17.5
96	201012067	09/26/10	52.8	49.0	16.5
97	201012067	09/26/10	54.2	50.5	19.5
98	201012067	09/26/10	54.4	50.9	18.5
99	201012067	09/26/10	56.3	52.6	16.5
100	201012067	09/26/10	52.6	48.7	15.5
101	201012067	09/26/10	52.4	48.6	18.5
102	201012067	09/26/10	53.7	49.9	18.5
103	201012067	09/26/10	52.5	48.7	16.5
104	201012067	09/26/10	52.8	48.8	17.5
105	201012067	09/28/10	54.0	50.3	19.5

8 10/21/10

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

1.00" DIA X 144.0000"

PART NO.

PO/Rel 13093

/CHANTAL

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____

Certificate of Mill Test Results

BL PEC-687483-005

10Dec10

Pg 2/2



SERVICE CENTER METALS

5850 Quality Way

Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
117111	3

BILL TO

ThyssenKrupp Materials NA

SHIP TO

ThyssenKrupp Materials NA PEC

MANIFEST NUMBER

117656

CUSTOMER PO

PEC-225368

CUSTOMER PART NUMBER

RD0005

DIE NUMBER

RD0005

ALLOY / TEMPER

6061-T6511

DESCRIPTION

ROD 1.000 +/- .004

DATE OF SHIPMENT

10/22/2010

SALESPERSON

David Schroeder

CERTIFICATION

ASTM-B221-08 StencilContinuous

SPECIFICATION

AMS-QQA-200/8

Quantity Certified 2,260 lbs 204pcs

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

106	201012067	09/26/10	53.6	49.9	16.5
107	201012067	09/26/10	51.3	48.5	16.5
108	201012067	09/26/10	53.4	49.5	19.5
109	201012067	09/26/10	53.6	49.3	18.0
110	201012067	09/26/10	52.3	48.3	19.5
111	201012067	09/26/10	53.3	49.4	16.5
112	201012067	09/26/10	51.9	48.0	18.0

Chemical Composition for Alloy 6061

Alloy		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Each	Total	Al	
6061	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15		Remainder	
	Min	0.40	-	0.15	-	0.8	0.04	-	-	-	-			

Melted In

United States or Canada



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO13093

Purchase Order Date 12/08/10

PO Print Date 12/08/10

Page Number 1 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FXED
C/L 10/12/10

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6B00750X00.125 C/L 10/12/13	6061-T6 Bar .750 x .125	12/13/10 Yes	80.00 f	Yours ppd	\$0.2475	\$19.80
		Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221					
2	M6061T6B1.000X12.000 C/L 10/12/13	6061-T6 Bar 1.00 x 12.00	12/13/10 Yes	12.00 f	Yours ppd	\$31.1667	\$374.00
		Special Inst: AS ABOVE NOTE: BAR NEED TO BE FLAT EDGE					
3	M6061T6B1.500X01.500 C/L 10/12/13	6061-T6 Bar 1.50 x 1.50	12/13/10 Yes	12.00 f	Yours ppd	\$5.8667	\$70.40
		Special Inst: AS ABOVE					

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 1

Change Date: 12/08/10



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO13093

Purchase Order Date 12/08/10

PO Print Date 12/08/10

Page Number 2 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

905 669 9444

905 738 9033

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

4	M6061T6R0.750	6061-T6 Round Bar .750"	12/13/10	48.00	Yours ppd	\$1.1917	\$57.20
	CL 10/12/13		Yes	f			

Special Inst:

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM
ROUND BAR
AS PER: QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR
QQ-A-200/8 OR AMS-200/8 OR AMS 4160
OR ASTM B221 OR ASTM B221

5	M6061T6R1.000	ROUND BAR 1.00"	12/13/10	24.00	Yours ppd	\$2.1083	\$50.60
	CL 10/12/13		Yes	f			

Special Inst: AS ABOVE

PO Total:

\$572.00



W

CL

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 1

Change Date: 12/08/10

7075T73R1.000X2484

M6061T6B0.375X00.750	3.873942105	0	18.1471	12
M6061T6B0.375X03.000	0.377878947	0	13.5	6
M6061T6B0.500X01.000	0.001531579	0	21.591	10
M6061T6B0.500X01.250	3.168373684	0	19.6	10
M6061T6B0.500X05.000	28.41631579	0	41.7636	12
M6061T6B0.500X06.000	24.45324211	0	43.2814	24
M6061T6B0.500X10.000	24.21086316	0	40	24
M6061T6B0.750X00.250	5.619157895	0	16.5	12
M6061T6B0.750X00.750	0.922943162	0	18.44095	24
M6061T6B0.750X01.000	0.821052632	0	40	12
M6061T6B0.750X01.500	5.97E-02	0	10.831	24x408+
M6061T6B0.750X03.000	2.28E-02	0	53	20
M6061T6B00750X00.125	30.39619474	0	34.8243	80 808+
M6061T6B1.000X02.000	16.67269474	0	68.8003	40
M6061T6B1.000X02.500	8.08E-02	0	35.36	12
M6061T6B1.000X04.000	33.28456316	0	56.3995	12
M6061T6B1.000X06.000	2.325987994	0	12	6
M6061T6B1.000X12.000	25.53970526	0	20.569	12 128+
M6061T6B1.000X15.000	5.219473684	0	38.09	24
M6061T6B1.500X01.500	2.629373684	0	7.0252	12 128+
M6061T6B2.000X01.250	14.51773681	0	27.4555	20
M6061T6B2.000X04.500	2.495783684	0	10.86631	6
M6061T6B2.500X03.500	0.895771111	0	9	8
M6061T6B30000X01.500	5.159783411	0	23.1789	20
M6061T6H1.000	1.926105263	0	6.13	12
M6061T6R0.625	44.34959474	0	54.96	30 88+
M6061T6R0.750	5.251873684	0	2.464842105	40 248+
M6061T6R1.000	7.849136842	0	13.68	12
M6061T6R1.250	1.406097368	0	51.48205	12
M6061T6R1.500	0.238736842	0	15.54	2
M6061T6S.125	12.43718982	0	70.56	96
M6061T6T0.375W.035	8.771446674	0	235.511716	100
M6061T6T0.500W.035	11.05106842	0	244.055	100
M6061T6T0.500W.058	32.25105263	0	104.5	80
M6061T6T0.625W.049	3.789473684	0	26	10
M6061T6T1.000W.188	30.71099361	0	53.516368	40
M6061T6T1.500W.125	3.026315789	0	29.5	12
M6061T6T1.750W.065	1.956842105	0	31.959	12
M6061T6T3.500W.375	5.368421053	0	8.5	0
M6061T6T5.000W.125	5.757889474	0	24.3754	6
M6061T6TR4.0X2.0W125	19.80520526	0	40	6
M6061T6TS0.750W.062	74.99468053	0	120.91227	100
M6061T6TS1.000W.065	1.78E-15	0	0	0
M7075T6B1.000X1.000	0.492284592	0	12	10
M7075T6B1.500X1.500	0.221021053	0	16.8526	6

Q U O T A T I O N

No: PEC ST-281721

Quoted By:

THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted Ship To: (1)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS

Qtd 07Dec10 Qte Ref

Frt PREPAID

Via

FOB

Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL

Slp TRINA VINCE (905-532-1365)

Q U O T A T I O N

QT No: PEC ST-281721

Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

**ITEMS # 1-6 - MATERIAL IN STOCK

1 ALUMINUM FLAT BAR 6061-T6511 .750" X 1.50" X 240.0000"	2 PCS		54 LBS
MATERIAL	2 PCS @	59.4000 EA	118.80
2 ALUMINUM FLAT BAR 6061-T6511 ✓ .125" x .750" X 240.0000"	4 PCS		9 LBS
MATERIAL	4 PCS @	4.9500 EA	19.80 ✓
3 ALUMINUM FLT BAR ECONOPLT 6061-T6511 ✓ 1.00" X 12.00" X 144.5000"	1 PCS		170 LBS
MATERIAL	1 PCS @	374.0000 EA	374.00 ✓
4 ALUMINUM SQUARE BAR 6061-T6511 ✓ 1.50" X 144.0000"	1 PCS		32 LBS ✓
MATERIAL	1 PCS @	70.4000 EA	70.40
5 ALUMINUM ROUND BAR 6061-T6511 ✓ .750" DIA X 144.0000"	4 PCS		26 LBS
MATERIAL	4 PCS @	14.3000 EA	57.20 ✓
6 ALUMINUM ROUND BAR 6061-T6511 1.00" DIA X 144.0000"	2 PCS		23 LBS
MATERIAL	2 PCS @	25.3000 EA	50.60 ✓
7 ALUMINUM ROUND BAR 7075T7351 1.00" DIA X 144.0000"	2 PCS		23 LBS
**5-7 DAY LEADTIME			
MATERIAL	2 PCS @	74.0000 EA	148.00

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT

Q U O T A T I O N

No: PEC ST-281721

Quoted By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)
 DART AEROSPACE

Quoted Ship To: (1)
 DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-281721

WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

* WE STOCK STAINLESS STEEL!!!! * *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT * *

***PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER AS OF DEC 8/08.***

Order Totals: 7 Items 337 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
838.80				109.04	947.84
Taxes: ONHSTS	109.04	0.00		0.00	0.00

TRANSMISSION VERIFICATION REPORT

TIME : 12/08/2010 15:56
NAME :
FAX :
TEL :
SER.# : F9N212739

DATE, TIME
FAX NO./NAME
DURATION
PAGE(S)
RESULT
MODE

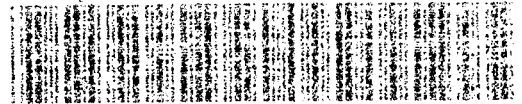
12/08 15:55
19057389033
00:00:31
02
OK
STANDARD
ECM



60 Ward Road, Brampton, Ontario L6S 4L5
Telephone: (905) 789-5000 • Fax: (905) 789-5050 • 1-800-895-APEX
www.apexintl.com G.S.T.# 87194 0573RT Q.S.T.# 1147387527

CONSIGNEE/CONSIGNATAIRE

PRO NO./NO. DU PRO



01241520248

PART 1270
1270 1270 1270

1270 1270 1270

DER NO./NO. DE COMMANDE 25

SPECIAL INSTRUCTIONS/INSTRUCTIONS SPÉCIALES

SHIPPER/EXPÉDITEUR

THYSONKUPP MATHEWALE N.Y.
2821 LANGSTAFF ROAD

SHIPPER'S NO./NO. DE L'EXPÉDITEUR

BILL TO/LA CHARGE

CUST. NO./NO. DE CLIENT

THYSONKUPP MATHEWALE N.Y.
2821 LANGSTAFF ROAD

VAN NO. NO. DU CAMION	LOAD NO. NO. DU CHARGEMENT	DATE	ORIGIN/ORIGINE	DEST.
1270 1270 1270	1270 1270 1270	12/10/11	1270	011
TRANSFER FROM TRANSFERER DE	TRANSFER TO TRANSFERER A			

KGS. KILOS	HM	DESCRIPTION	WEIGHT POIDS	CLASS OR RATE CLASSE OU TAUX	CHARGES CHARGES	CASH COLLECT/ COMPTANT A LA RECEPTION
1		BUNDLES GEN MERCH FUEL SURCHARGE	291			
TOTALS			291	TOTAL		

FREIGHT RECEIVED IN GOOD ORDER AND
SHRINKWRAP/BANDING INTACT UNLESS NOTED

MARCHANDISE REÇUE EN BONNE CONDITION
ET L'EMBALLAGE INTACT SAUF INDICATION CONTRAIRE

1241330748

SIGNATURE

DATE

PLEASE PRINT NAME

ANY LOSS OR DAMAGE MUST BE NOTED BY THE RECEIVER ON THE DELIVERY
COPY. OTHERWISE CONSIGNEE'S SIGNATURE WILL CONSTITUTE A CLEAR
RECEIPT.

LES DOMMAGES OU PERTES DOIVENT ÊTRE PRIS EN NOTE PAR LE RECEVEUR ET
INDIQUÉS SUR LA COPIE LIVRAISON. SINOIN, LA SIGNATURE DU CONSIGNATAIRE
PROUVERA QUE LA MARCHANDISE A ÉTÉ REÇUE EN BONNE CONDITION.

CONSIGNEE'S COPY / COPIE CONSIGNATAIRE



AXME